

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|-----------------|------------------|---------|------------------|
| L1 | 6 | (US-20020172328-\$ or US-20080033452-\$).did. or (US-5817022-\$ or US-7844320-\$ or US-5928137-\$ or US-6423009-\$).did. | US-PGPUB; USPAT | OR | OFF | 2012/04/13 11:27 |
| L2 | 5 | 1 and model | US-PGPUB; USPAT | OR | OFF | 2012/04/13 11:28 |
| L3 | 2 | 1 and (patient with model) | US-PGPUB; USPAT | OR | OFF | 2012/04/13 11:53 |
| L4 | 6 | 1 and (improv\$ or updat\$3) | US-PGPUB; USPAT | OR | OFF | 2012/04/13 13:06 |
| L5 | 6 | 1 and (improv\$ or updat\$3) and time | US-PGPUB; USPAT | OR | OFF | 2012/04/13 13:07 |
| L6 | 6 | 1 and imag\$3 | US-PGPUB; USPAT | OR | OFF | 2012/04/13 13:26 |
| L7 | 1 | 1 and ("pre-op" with imag\$3) | US-PGPUB; USPAT | OR | OFF | 2012/04/13 13:35 |
| L8 | 5 | 1 and (register\$3 or registration) | US-PGPUB; USPAT | OR | OFF | 2012/04/13 13:45 |
| L9 | 1 | 1 and (collated) | US-PGPUB; USPAT | OR | OFF | 2012/04/13 13:50 |
| L10 | 5 | 1 and (real adj time) | US-PGPUB; USPAT | OR | OFF | 2012/04/13 13:51 |
| L11 | 6 | 1 and (curve\$1 or line\$1) | US-PGPUB; USPAT | OR | OFF | 2012/04/13 14:00 |
| L12 | 6 | 1 and (surface) | US-PGPUB; USPAT | OR | OFF | 2012/04/13 14:01 |
| L13 | 5 | 1 and (distance) | US-PGPUB; USPAT | OR | OFF | 2012/04/13 14:23 |
| L14 | 2 | 1 and (increment\$2) | US-PGPUB; USPAT | OR | OFF | 2012/04/13 14:35 |
| L15 | 2 | 1 and (transformation with distance) | US-PGPUB; USPAT | OR | OFF | 2012/04/13 14:48 |
| L16 | 0 | 1 and (transformation with path) | US- | OR | OFF | 2012/04/13 |

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|-----|-------|--|------------------------|----|-----|---------------------|
| | | | PGPUB; USPAT | | | 14:48 |
| L17 | 4 | 1 and (transformation) | US- PGPUB; USPAT | OR | OFF | 2012/04/13 14:48 |
| L18 | 5 | 1 and (path) | US- PGPUB; USPAT | OR | OFF | 2012/04/13 14:55 |
| L19 | 4 | 1 and (orthogonal) | US- PGPUB; USPAT | OR | OFF | 2012/04/13 15:05 |
| L20 | 1 | 1 and (opposite) | US- PGPUB; USPAT | OR | OFF | 2012/04/13 15:07 |
| L21 | 5 | 1 and (tip) | US- PGPUB; USPAT | OR | OFF | 2012/04/13 15:11 |
| L22 | 3 | 1 and (tip with position) | US- PGPUB; USPAT | OR | OFF | 2012/04/13 15:11 |
| L23 | 6 | 1 and (instrument with position\$3) | US- PGPUB; USPAT | OR | OFF | 2012/04/13 15:15 |
| L24 | 3 | 1 and (endoscop\$ or bronchoscope\$ or laparoscop\$ or colonoscop\$) | US- PGPUB; USPAT | OR | OFF | 2012/04/13 15:24 |
| L25 | 2 | 1 and (bronchoscope\$) | US- PGPUB; USPAT | OR | OFF | 2012/04/13 15:28 |
| L26 | 6958 | (brain with (tube\$1 or tubular)) | US- PGPUB; USPAT | OR | OFF | 2012/04/13 15:54 |
| L27 | 37 | (brain with (tube\$1 or tubular)) with endoscop\$ | US- PGPUB; USPAT | OR | OFF | 2012/04/13 15:54 |
| L28 | 14118 | (prostate (tube\$1 or tubular)) with endoscop\$ | US- PGPUB; USPAT | OR | OFF | 2012/04/13 16:02 |
| L29 | 29 | (prostate with (tube\$1 or tubular)) with endoscop\$ | US- PGPUB; USPAT | OR | OFF | 2012/04/13 16:02 |
| L30 | 146 | (prostate with (tube\$1 or tubular)) with structure\$1 | US- PGPUB; USPAT | OR | OFF | 2012/04/13 16:02 |
| L31 | 8 | (US-20020172328-\$ or US- 20080033452-\$ or US-20080319268- \$).did. or (US-5817022-\$ or US- 7844320-\$ or US-5928137-\$ or US- 6423009-\$ or US-7115124-\$).did. | US- PGPUB; USPAT | OR | OFF | 2012/04/13 16:25 |
| L32 | 0 | 31 and "pre-or" | USPAT | OR | OFF | 2012/04/13 16:25 |
| L33 | 1 | 31 and "pre-op" | USPAT | OR | OFF | 2012/04/13 16:25 |
| L34 | 1 | vetter-marcus.in. | USPAT | OR | OFF | 2012/04/13 16:27 |
| L35 | 1 | wolf-ivo.in. | USPAT | OR | OFF | 2012/04/13 16:28 |

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| L36 | 0 | wegner-ingmar.in. | USPAT | OR | OFF | 2012/04/13 16:28 |
| L37 | 1 | meinzer-hans-peter.in. | USPAT | OR | OFF | 2012/04/13 16:28 |
| L38 | 43 | becker-heinrich.in. | USPAT | OR | OFF | 2012/04/13 16:28 |
| L39 | 0 | 38 and (imag\$3 with tubular with organ) | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2012/04/13 16:28 |
| L40 | 0 | 38 and (imag\$3 with track\$3 with organ) | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2012/04/13 16:29 |
| L41 | 58 | ((606/41,130).ccls. or (600/407-480).ccls.) and ((organ with imag\$3) and (track\$3 with instrument) and (spatial with position\$3 with instrument)) | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2012/04/13 16:30 |
| L42 | 11 | ((606/41,130).ccls. or (600/407-480).ccls.) and ((organ with imag\$3) and (track\$3 with instrument) and (spatial with position\$3 with instrument)) and (organ with movement) | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2012/04/13 16:30 |
| L43 | 8 | (US-20020172328-\$ or US-20080033452-\$ or US-20080319268-\$).did. or (US-5817022-\$ or US-7844320-\$ or US-5928137-\$ or US-6423009-\$ or US-7115124-\$).did. | US- PGPUB; USPAT | OR | OFF | 2012/04/13 16:38 |
| L44 | 3 | 43 and orthogonal | USPAT | OR | OFF | 2012/04/13 16:38 |
| S1 | 6 | ("20020044631" "6233476" "6473635").PN. | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/10/14 15:41 |
| S2 | 218 | (imag\$3 with tubular with organ) | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/12/27 14:51 |
| S3 | 19 | S2 and (organ with track\$3) | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/12/27 14:52 |
| S4 | 0 | S3 and (instrument with interven\$3) | US- PGPUB; USPAT; USOCR; | OR | ON | 2010/12/27 15:13 |

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| | | | EPO; JPO; DERWENT | | | |
| S5 | 1 | S3 and (instrument with localiz\$5) | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/12/27 15:13 |
| S6 | 0 | S2 and (organ with track\$3) and instrument and surgical\$2 | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/12/27 15:22 |
| S7 | 1 | S2 and (organ with track\$3) and instrument | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/12/27 15:22 |
| S8 | 1 | S2 and (surgical\$2 with instrument with track\$3) | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/12/27 15:23 |
| S9 | 4 | S2 and (instrument with track\$3) | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/12/27 15:29 |
| S10 | 219 | (imag\$3 with tubular with organ) | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/12/28 10:59 |
| S11 | 2 | S10 and (organ with static with imag\$3) | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/12/28 10:59 |
| S12 | 2 | S10 and (organ with static) | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/12/28 11:00 |
| S13 | 4 | S10 and (organ with imag\$3) and (track\$3 with instrument) | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/12/28 11:02 |
| S14 | 0 | S10 and (organ with imag\$3) and (track\$3 with instrument) and (spatial with position with instrumen) | US- PGPUB; USPAT; USOCR; | OR | ON | 2010/12/28 11:02 |

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| | | | EPO; JPO; DERWENT | | | |
| S15 | 0 | (organ with imag\$3) and (track\$3 with instrument) and (spatial with position with instrument) | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/12/28 11:03 |
| S16 | 83 | (organ with imag\$3) and (track\$3 with instrument) and (spatial with position with instrument) | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/12/28 11:03 |
| S17 | 2 | (tubular with organ with imag\$3) and (track\$3 with instrument) and (spatial with position with instrument) | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/12/28 11:03 |
| S18 | 90 | (organ with imag\$3) and (track\$3 with instrument) and (spatial with position\$3 with instrument) | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/12/28 11:04 |
| S19 | 12 | (organ with imag\$3) and (track\$3 with instrument) and (spatial with position\$3 with instrument) and (static with imag\$3) | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/12/28 11:05 |
| S20 | 10 | (organ with imag\$3) and (track\$3 with instrument) and (spatial with position\$3 with instrument) and (static with imag\$3) and geometric\$4 | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/12/28 11:12 |
| S21 | 38 | (medical with navigat\$3) and (organ with tubular) | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 12:13 |
| S22 | 8 | (medical with navigat\$3) and (organ with tubular) and (extract\$3 with imag\$3) | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 12:13 |
| S23 | 3 | (medical with navigat\$3) and (organ with tubular) and (extract\$3 with imag\$3) and (track\$3 with instrument) | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 12:14 |
| S24 | 5 | (medical with navigat\$3) and (organ with tubular) and (extract\$3 with imag\$3) and (track\$3 with imag\$3) | US- PGPUB; USPAT; USOCR; | OR | ON | 2011/01/03 12:14 |

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| | | | EPO; JPO; DERWENT | | | |
| S25 | 3 | (medical with navigat\$3) and (organ with tubular) and (extract\$3 with imag\$3) and (track\$3 with imag\$3) and instrument | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 12:14 |
| S26 | 3 | (medical with navigat\$3) and (organ with tubular) and (extract\$3) and (track\$3 with imag\$3) and instrument | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 12:16 |
| S27 | 49 | (medical with navigat\$3) and (organ) and (extract\$3) and (track\$3 with imag\$3) and instrument | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 12:17 |
| S28 | 34 | (medical with navigat\$3) and (organ) and (extract\$3) and (track\$3 with imag\$3) and instrument and geometric | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 12:17 |
| S29 | 33 | (medical with navigat\$3) and (organ) and (extract\$3) and (track\$3 with imag\$3) and instrument and geometric and (track\$3 with position with instrument) | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 12:17 |
| S30 | 6 | (medical with navigat\$3) and (organ) and (extract\$3) and (track\$3 with imag\$3) and instrument and geometric and (track\$3 with position with instrument) and (spatial with position) | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 12:18 |
| S31 | 6 | (medical with navigat\$3) and (organ) and (extract\$3) and (track\$3 with imag\$3) and instrument and geometric and (track\$3 with position with instrument) and (spatial with position) and distance | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 12:19 |
| S32 | 29 | (medical with navigat\$3) and (organ) and (extract\$3) and (track\$3 with imag\$3) and instrument and geometric and (track\$3 with position with instrument) and distance and diameter | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 12:46 |
| S33 | 4 | (medical with navigat\$3) and (organ) and (extract\$3) and (track\$3 with imag\$3) and instrument and geometric and (track\$3 with position with instrument) and distance and (diameter with organ) | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 12:46 |
| S34 | 26 | (medical with navigat\$3) and (organ) and (extract\$3) and (track\$3 with imag\$3) and instrument and geometric and (track\$3 with position with | US- PGPUB; USPAT; USOCR; | OR | ON | 2011/01/03 12:48 |

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| | | instrument) and distance and diameter and (cardiac or respiratory) | EPO; JPO; DERWENT | | | |
| S35 | 26 | (medical with navigat\$3) and (organ) and (extract\$3) and (track\$3 with imag\$3) and instrument and geometric and (track\$3 with position with instrument) and distance and diameter and (cardiac or respiratory) and spatial | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 12:49 |
| S36 | 24 | (medical with navigat\$3) and (organ) and (extract\$3) and (track\$3 with imag\$3) and instrument and geometric and (track\$3 with position with instrument) and distance and diameter and (cardiac or respiratory) and spatial and static | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 12:49 |
| S37 | 23 | (medical with navigat\$3) and (organ) and (extract\$3) and (track\$3 with imag\$3) and instrument and geometric and (track\$3 with position with instrument) and distance and diameter and (cardiac or respiratory) and spatial and (static with imag\$3 with data) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 12:50 |
| S38 | 1 | (medical with navigat\$3) and (organ) and (extract\$3) and (track\$3 with imag\$3) and instrument and geometric and (track\$3 with position with instrument) and distance and diameter and (cardiac or respiratory) and (spatial with position) and (static with imag\$3 with data) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 12:50 |
| S39 | 1 | (medical with navigat\$3) and (organ) and (extract\$3) and (track\$3 with imag\$3) and instrument and geometric and (track\$3 with position with instrument) and distance and diameter and (cardiac or respiratory) and spatial and (static with imag\$3 with data) and (movement with organ) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 12:51 |
| S40 | 23 | (medical with navigat\$3) and (organ) and (extract\$3) and (track\$3 with imag\$3) and instrument and geometric and (track\$3 with position with instrument) and distance and diameter and (cardiac or respiratory) and spatial and (static with imag\$3 with data) and (movement) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 12:51 |
| S41 | 23 | (medical with navigat\$3) and (organ) and (extract\$3) and (track\$3 with imag\$3) and instrument and geometric and (track\$3 with position with instrument) and distance and diameter and (cardiac or respiratory) and spatial and (static with imag\$3 with data) and (movement) and marker\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 12:51 |
| S42 | 1 | (medical with navigat\$3) and (tubular with organ) and (extract\$3) and (track\$3 with imag\$3) and instrument and geometric and (track\$3 with position with instrument) and distance and diameter and (cardiac or respiratory) and spatial and (static with imag\$3 with | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 12:52 |

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| | | data) and (movement) and marker\$1 | | | | |
| S43 | 3 | (medical with navigat\$3) and (organ) and (extract\$3) and (track\$3 with imag\$3) and instrument and geometric and (track\$3 with position with instrument) and (spatial with position) and distance and respiratory | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 12:55 |
| S44 | 3 | (medical with navigat\$3) and (organ) and (extract\$3) and (track\$3 with imag\$3) and instrument and geometric and (track\$3 with position with instrument) and (spatial with position) and distance and cardiac | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 12:55 |
| S45 | 5 | (medical with navigat\$3) and (organ) and (extract\$3) and (track\$3 with imag\$3) and instrument and geometric and (track\$3 with position with instrument) and (spatial with position) and distance and marker\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 15:26 |
| S46 | 3 | (US-20020172328-\$).did. or (US-5817022-\$ or US-7844320-\$).did. | US-PGPUB; USPAT | OR | ON | 2011/01/03 15:40 |
| S47 | 0 | S46 and bronchoscopy | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 15:41 |
| S48 | 0 | S46 and broncho | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 15:41 |
| S49 | 1 | S46 and (calculat\$3 with position) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 15:41 |
| S50 | 1 | S46 and (calculat\$3 with position) and (respiratory or cardiac) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 15:42 |
| S51 | 1 | "7844320".pn. and position | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 15:43 |
| S52 | 0 | "7844320".pn. and (position with organ) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 15:43 |
| S53 | 1 | "7844320".pn. and (patient with movement) | US-PGPUB; | OR | ON | 2011/01/03 15:45 |

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| | | | USPAT; USOCR; EPO; JPO; DERWENT | | | |
| S54 | 0 | S46 and (time with organ) | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 16:04 |
| S55 | 3 | S46 and (time with imag\$3) | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 16:04 |
| S56 | 0 | S46 and lung\$1 | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 16:14 |
| S57 | 0 | (medical with navigat\$3) and (organ) and (extract\$3) and (track\$3 with imag\$3) and instrument and geometric and (track\$3 with position with instrument) and distance and diameter and bronchoscopy | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 16:14 |
| S58 | 0 | (medical with navigat\$3) and (organ) and (extract\$3) and (track\$3 with imag\$3) and instrument and geometric and (track\$3 with position with instrument) and bronchoscopy | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 16:14 |
| S59 | 0 | (medical with navigat\$3) and (organ) and (extract\$3) and (track\$3 with imag\$3) and instrument and bronchoscopy | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 16:15 |
| S60 | 0 | (organ with imag\$3) and (track\$3 with instrument) and (spatial with position\$3 with instrument) and bronchoscopy | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 16:15 |
| S61 | 1 | (medical with navigat\$3) and (organ) and (extract\$3) and (track\$3 with imag\$3) and instrument and geometric and (track\$3 with position with instrument) and distance and diameter and bronchoscopy | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 16:15 |
| S62 | 1 | (medical with navigat\$3) and (organ) and (extract\$3) and (track\$3 with imag\$3) and instrument and geometric and (track\$3 with position with instrument) and bronchoscopy | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 16:15 |
| S63 | 0 | (medical with navigat\$3) and (organ) and (extract\$3) and (track\$3 with | US- PGPUB; | OR | ON | 2011/01/03 16:15 |

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| | | imag\$3) and instrument and bronchoscopy | USPAT; USOCR; EPO; JPO; DERWENT | | | |
| S64 | 5 | (medical with navigat\$3) and (organ) and (extract\$3) and (track\$3 with imag\$3) and instrument and bronchoscopy | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 16:16 |
| S65 | 3 | (organ with imag\$3) and (track\$3 with instrument) and (spatial with position\$3 with instrument) and bronchoscopy | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 16:16 |
| S66 | 4 | vetter-marcus.in. | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 16:30 |
| S67 | 8 | wolf-ivo.in. | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 16:30 |
| S68 | 2 | wegner-ingmar.in. | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 16:30 |
| S69 | 0 | minzer-hans-peter.in. | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 16:30 |
| S70 | 10 | meinzer-hans-peter.in. | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 16:31 |
| S71 | 149 | becker-heinrich.in. | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 16:31 |
| S72 | 1 | S66 and (organ with imag\$3) and (track\$3 with instrument) and (spatial with position\$3 with instrument) and bronchoscopy | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 16:31 |
| S73 | 1 | S67 and (organ with imag\$3) and (track\$3 with instrument) and (spatial | US- PGPUB; | OR | ON | 2011/01/03 16:31 |

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| | | with position\$3 with instrument) and bronchoscopy | USPAT; USOCR; EPO; JPO; DERWENT | | | |
| S74 | 1 | S68 and (organ with imag\$3) and (track\$3 with instrument) and (spatial with position\$3 with instrument) and bronchoscopy | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 16:31 |
| S75 | 1 | S70 and (organ with imag\$3) and (track\$3 with instrument) and (spatial with position\$3 with instrument) and bronchoscopy | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 16:31 |
| S76 | 1 | S71 and (organ with imag\$3) and (track\$3 with instrument) and (spatial with position\$3 with instrument) and bronchoscopy | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 16:31 |
| S77 | 0 | (600/407-480).ccls. and (organ with imag\$3) and (track\$3 with instrument) and (spatial with position\$3 with instrument) and bronchoscopy | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 16:32 |
| S78 | 30 | (600/407-480).ccls. and (organ with imag\$3) and (track\$3 with instrument) and (spatial with position\$3 with instrument) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/01/03 16:32 |
| S79 | 4 | (US-20020172328-\$).did. or (US-5817022-\$ or US-7844320-\$ or US-5928137-\$).did. | US-PGPUB; USPAT | OR | ON | 2011/06/08 13:04 |
| S80 | 4 | S79 and distance | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/06/08 13:11 |
| S81 | 3 | S79 and distance and correct\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/06/08 13:30 |
| S82 | 1 | S79 and distance and correct\$3 and (static with imag\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/06/08 13:31 |
| S83 | 3 | S79 and distance and correct\$3 and (imag\$3 with organ) | US-PGPUB; USPAT; USOCR; EPO; JPO; | OR | ON | 2011/06/08 13:31 |

| | | | DERWENT | | | |
|------|----|--|---|----|-----|---------------------|
| S84 | 1 | S79 and distance and correct\$3 and (imag\$3 with stor\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2011/06/08 13:33 |
| S85 | 4 | (US-20020172328-\$).did. or (US-5817022-\$ or US-7844320-\$ or US-5928137-\$).did. | US-PGPUB; USPAT | OR | OFF | 2012/04/10 18:41 |
| S86 | 1 | S85 and (static) | USPAT | OR | OFF | 2012/04/10 18:41 |
| S87 | 2 | S85 and (extract\$3) | USPAT | OR | OFF | 2012/04/10 18:41 |
| S88 | 4 | (US-20020172328-\$).did. or (US-5817022-\$ or US-7844320-\$ or US-5928137-\$).did. | US-PGPUB; USPAT | OR | OFF | 2012/04/12 11:26 |
| S89 | 0 | S88 and (organ with movement) | USPAT | OR | OFF | 2012/04/12 11:31 |
| S90 | 3 | S88 and (movement) | USPAT | OR | OFF | 2012/04/12 11:34 |
| S91 | 0 | S88 and (anatomy with mov\$3) | USPAT | OR | OFF | 2012/04/12 11:42 |
| S92 | 0 | S88 and (anatomy with position) | USPAT | OR | OFF | 2012/04/12 11:42 |
| S93 | 3 | S88 and (movement and instrument) | USPAT | OR | OFF | 2012/04/12 11:45 |
| S94 | 1 | S88 and (instrument with anatomy) | USPAT | OR | OFF | 2012/04/12 11:57 |
| S95 | 0 | (movement with organ) with calculat\$3 with (chang\$3 with position\$3 with instrumen) | USPAT | OR | OFF | 2012/04/12 12:17 |
| S96 | 0 | (movement with organ) with calculat\$3 with (position\$3 with instrumen) | USPAT | OR | OFF | 2012/04/12 12:17 |
| S97 | 0 | (movement with anatomy) with calculat\$3 with (position\$3 with instrumen) | USPAT | OR | OFF | 2012/04/12 12:18 |
| S98 | 0 | (movement with anatomy) with (position\$3 with instrumen) | USPAT | OR | OFF | 2012/04/12 12:18 |
| S99 | 0 | (movement with organ) with calculat\$3 with (chang\$3 with position\$3 with instrumen) | USPAT | OR | OFF | 2012/04/12 12:18 |
| S100 | 0 | (movement with anatomy) with calculat\$3 with (chang\$3 with position\$3 with instrumen) | USPAT | OR | OFF | 2012/04/12 12:18 |
| S101 | 0 | (movement with anatomy) with calculat\$3 with (position\$3 with instrumen) | USPAT | OR | OFF | 2012/04/12 12:18 |
| S102 | 3 | (movement with anatomy) with (position\$3 with instrumen) | USPAT | OR | OFF | 2012/04/12 12:18 |
| S103 | 9 | (movement with organ) with (position\$3 with instrumen) | USPAT | OR | OFF | 2012/04/12 12:20 |
| S104 | 36 | (movement with organ) with (movement with instrumen) | USPAT | OR | OFF | 2012/04/12 13:09 |
| S105 | 1 | (movement with organ) with calculat\$3 with (movement with instrumen) | USPAT | OR | OFF | 2012/04/12 13:17 |

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|------|---|--|--------------------|----|-----|------------------|
| S106 | 1 | (movement with organ) with calculat\$3 with (movement with instrument) and (organ with movement) and instrument | USPAT | OR | OFF | 2012/04/12 13:25 |
| S107 | 1 | (movement with organ) with calculat\$3 with (movement with instrument) and (organ with movement) and instrument and calculat\$3 | USPAT | OR | OFF | 2012/04/12 13:59 |
| S108 | 0 | "20080033452" | USPAT | OR | OFF | 2012/04/12 14:05 |
| S109 | 1 | "20080033452" | US-PGPUB; USPAT | OR | OFF | 2012/04/12 14:05 |
| S110 | 1 | ((movement with (anatomy or organ)) with calculat\$3 with (movement with instrument)) | USPAT | OR | OFF | 2012/04/12 14:07 |
| S111 | 0 | ((movement with (anatomy or organ)) with calculat\$3 with (movement with instrument)) and distance | USPAT | OR | OFF | 2012/04/12 14:08 |
| S112 | 1 | ((movement with (anatomy or organ)) with calculat\$3 with (movement with instrument)) and spatial | USPAT | OR | OFF | 2012/04/12 14:08 |
| S113 | 0 | ((movement with (anatomy or organ)) with calculat\$3 with (movement with instrument)) and spatial and extract\$3 | USPAT | OR | OFF | 2012/04/12 14:09 |
| S114 | 0 | ((movement with (anatomy or organ)) with calculat\$3 with (movement with instrument)) and spatial and segment\$5 | USPAT | OR | OFF | 2012/04/12 14:09 |
| S115 | 0 | ((movement with (anatomy or organ)) with calculat\$3 with (movement with instrument)) and spatial and geometric | USPAT | OR | OFF | 2012/04/12 14:09 |
| S116 | 0 | ((movement with (anatomy or organ)) with calculat\$3 with (movement with instrument)) and spatial and bronchoscopy | USPAT | OR | OFF | 2012/04/12 14:10 |
| S117 | 1 | ((movement with (anatomy or organ)) with calculat\$3 with (movement with instrument)) and spatial and calculat\$3 and (instrument) and (target with movement) | USPAT | OR | OFF | 2012/04/12 14:10 |
| S118 | 1 | ((movement with (anatomy or organ)) with calculat\$3 with (movement with instrument)) and spatial and calculat\$3 and (instrument) and (target with movement) and (organ with movement) | USPAT | OR | OFF | 2012/04/12 14:32 |
| S119 | 1 | S88 and (instrument with anatomy) and (extract\$3 and segment\$5) and (movement with anatomy) | USPAT | OR | OFF | 2012/04/12 14:38 |
| S120 | 0 | (movement with organ) with (movement with instrument) and bronchoscopy | USPAT | OR | OFF | 2012/04/12 14:47 |
| S121 | 3 | (movement with organ) and (movement with instrument) and bronchoscopy | USPAT | OR | OFF | 2012/04/12 14:48 |
| S122 | 0 | (movement with anatomy) and (movement with instrument) and bronchoscopy | USPAT | OR | OFF | 2012/04/12 14:49 |
| S123 | 0 | (movement with anatomy) and (position\$3 with instrument) and | USPAT | OR | OFF | 2012/04/12 14:49 |

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|------|----|--|--------------------|----|-----|---------------------|
| | | bronchoscopy | | | | |
| S124 | 0 | S109 and geometric | USPAT | OR | OFF | 2012/04/12 15:08 |
| S125 | 0 | S109 and geometric\$\$ | USPAT | OR | OFF | 2012/04/12 15:09 |
| S126 | 0 | S109 and geometric\$4 | USPAT | OR | OFF | 2012/04/12 15:09 |
| S127 | 0 | S109 and convert\$3 | USPAT | OR | OFF | 2012/04/12 15:09 |
| S128 | 0 | S109 and (central adj line\$1) | USPAT | OR | OFF | 2012/04/12 15:11 |
| S129 | 1 | ((bronch\$) and (instrument with anatomy) and (movement with anatomy) and ((movement or position) with instrument) | USPAT | OR | OFF | 2012/04/12 15:16 |
| S130 | 1 | ((bronch\$) and (instrument with anatomy) and (movement with anatomy) and ((movement or position) with instrument) | USPAT | OR | OFF | 2012/04/12 15:16 |
| S131 | 7 | ((bronch\$ or laparoscop\$ or colonoscop\$) and (instrument with anatomy) and (movement with anatomy) and ((movement or position) with instrument) | USPAT | OR | OFF | 2012/04/12 15:19 |
| S132 | 35 | ((bronch\$ or laparoscop\$ or colonoscop\$ or endoscop\$) and (instrument with anatomy) and (movement with anatomy) and ((movement or position) with instrument) | USPAT | OR | OFF | 2012/04/12 15:22 |
| S133 | 4 | ((bronch\$ or laparoscop\$ or colonoscop\$ or endoscop\$) and (instrument with anatomy) and ((movement with anatomy) with ((movement or position) with instrument)) | USPAT | OR | OFF | 2012/04/12 15:22 |
| S134 | 4 | ((bronch\$ or laparoscop\$ or colonoscop\$ or endoscop\$) and ((movement with anatomy) with ((movement or position) with instrument)) | USPAT | OR | OFF | 2012/04/12 15:23 |
| S135 | 0 | S109 and ramification\$1 | USPAT | OR | OFF | 2012/04/12 15:35 |
| S136 | 5 | ((US-20020172328-\$).did. or (US-5817022-\$ or US-7844320-\$ or US-5928137-\$ or US-6423009-\$).did. | US-PGPUB; USPAT | OR | OFF | 2012/04/12 16:57 |
| S137 | 0 | S136 and (respiratory) | USPAT | OR | OFF | 2012/04/12 16:58 |
| S138 | 1 | S136 and (breath\$3) | USPAT | OR | OFF | 2012/04/12 16:58 |
| S139 | 1 | S136 and (geometric\$4) | USPAT | OR | OFF | 2012/04/12 17:14 |

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